

REINFORCED CONCRETE DECK SLAB
(SAND LIGHTWEIGHT CONCRETE)

(10-12-01)

1.0 GENERAL

This Special Provision governs materials, forming and all other related work in the construction of a reinforced concrete deck slab in accordance with applicable parts of the Standard Specifications, the details shown on the plan, and as outlined in these Special Provisions.

Plans for the concrete deck slab are detailed for the use of cast-in-place slab using fabricated metal stay-in-place forms; however, the option of constructing a cast-in-place slab using removable forms is permitted. Any additional costs incurred by the use of this option is the responsibility of the Contractor. The use of precast prestressed concrete panels is not permitted.

When using removable forms, design the slab and forms in accordance with Article 420-3 of the Standard Specifications.

2.0 MATERIALS

Use materials for metal stay-in-place forms in accordance with Article 1074-11 of the Standard Specifications.

Unless otherwise noted on the plans, use sand lightweight concrete for all cast-in-place concrete. See the Special Provision for "Sand Lightweight Concrete".

3.0 METHOD OF MEASUREMENT

Reinforced concrete deck slab(s) constructed under this item will be measured in accordance with Article 420-21 of the Standard Specifications.

4.0 BASIS OF PAYMENT

The quantity for which payment is made will be that quantity shown in square feet (square meters) on the plans. Where the plans have been revised, the quantity to be paid for will be the quantity shown on the revised plans.

The unit bid per square foot (square meter) will be full compensation for all work covered by this Special Provision and applicable parts of the Standard Specifications, but not limited to furnishing and placing concrete, reinforcing steel, joint filler and sealer, curing, deck drains, bridge scuppers, and any other material; erecting and removing all falsework and forms including any appurtenances required by the Engineer to stabilize exterior girders during overhang construction; protecting concrete in wind, rain, low humidity, high temperatures or other unfavorable weather; constructing joints, constructing drains and scuppers, finishing concrete and curing concrete.

Payment will be made under:

Reinforced Concrete Deck Slab
(Sand Lightweight Concrete)..... Square Foot (Square Meter)